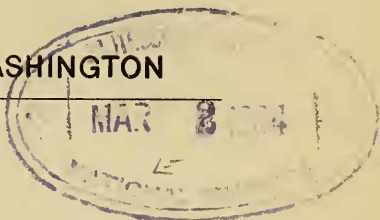


PROCEEDINGS
OF THE
BIOLOGICAL SOCIETY OF WASHINGTONDESCRIPTION OF A NEW SUBSPECIES OF YELLOW-
THROAT, *GEOTHYLPIS TRICHAS*, FROM GEORGIA.

BY THOMAS D. BURLEIGH.

During a residence of ten years at Athens, Georgia, the writer collected a number of breeding yellowthroats (*Geothlypis trichas*) that, at the time, were tentatively identified as the Florida race, *Geothlypis trichas ignota*. Later these birds were compared with a series from Tarpon Springs, Florida,¹ the type locality of *Geothlypis trichas ignota*, and found to differ from this subspecies in several characters. Further comparison with breeding birds from both North and South Carolina and from various parts of Georgia showed clearly that an undescribed race of *Geothlypis* occurred in the Southeastern States. This new form may be known as

Geothlypis trichas typhicola,² subsp. nov.

ATHENS YELLOWTHROAT.

Characters.—Similar to *Geothlypis trichas trichas*, but with longer wing and tail, more brownish upperparts, darker flanks, and more extensively yellow underparts.

Measurements.—Type (♂ adult): wing, 55 mm.; tail, 56; exposed culmen, 10.5. Average of 15 adult males from Athens, Georgia: wing, 54.9; tail, 54; exposed culmen, 10.5. Average of 2 adult females from Beaufort, North Carolina: wing, 50.2; tail, 50; exposed culmen, 10.

Type.—Adult male No. 301459, U. S. Nat. Mus., Biological Survey Collection; Athens, Georgia, May 11, 1930; Thos. D. Burleigh, original number, 896.

¹Grateful acknowledgment is made to Mr. James L. Peters, Curator of Ornithology of the Museum of Comparative Zoölogy, Cambridge, Massachusetts; to Dr. Frank M. Chapman, Curator of Ornithology of the American Museum of Natural History, New York City; and to Dr. Herbert Friedmann, Curator of Birds of the National Museum, Washington, D. C., for specimens borrowed; and to Dr. Harry C. Oberholser and Mr. Arthur H. Howell of the Bureau of Biological Survey, Washington, D. C., for their assistance and advice in the preparation of this manuscript.

²From *Typha*, the generic name of the cat-tails of the southeastern United States.

Distribution.—Central and southeastern Alabama; all of Georgia with the exception of the extreme northwestern corner; South Carolina; North Carolina; and southeastern Virginia (Dismal Swamp); largely resident in the southern part of its range.

Remarks.—This new race of the Yellowthroat can be easily recognized in either sex by its size and coloration. From *Geothlypis trichas ignota* it is readily separated by its distinctly smaller bill, and less brownish upperparts and flanks. From *Geothlypis trichas trichas* it is distinguishable by its longer wings and tail, brownish rather than olive green upperparts, much more brownish flanks, and more extensively yellow underparts. From *Geothlypis trichas brachidactyla* it can be recognized by its more brownish upperparts, duller gray crown patch, smaller bill, and longer tail. Actually it resembles *Geothlypis trichas trichas* in size, while in coloration it more closely approaches *Geothlypis trichas brachidactyla*. Specimens from the coast of North Carolina show intergradation with *Geothlypis trichas trichas* in the smaller size of the wing and paler flanks; while those from extreme southern Georgia and southeastern Alabama approach *Geothlypis trichas ignota* in the larger size of the bill.

TABLE OF COMPARATIVE MEASUREMENTS OF THE FOUR EASTERN RACES OF *Geothlypis trichas*.

	TRICHAS ¹	BRACHIDACTYLA ¹	TYPHICOLA ²	IGNOTA ³
Wing.....	52.9	55.1	55	55.1
Tail.....	49.3	49.2	54.0	55.6
Exposed culmen..	10.5	11.4	10.5	11.7

¹From Ridgway, Bull. U. S. Nat. Mus. No. 50, pt. 2: pp. 662; 664.

²10 adult males from Athens, Georgia.

³10 adult males from Tarpon Springs, Florida.

Specimens of *Geothlypis trichas typhicola* examined: Total number 91, from the following localities:

Georgia: Athens, 42; Brier Creek (Burke Co.), 1; Blackbeard Island, 1; Beachton, 1; Newton, 1; Blakely, 2; Augusta, 1; Montezuma, 1; St. Marys, 1; Tybee Island, 2.

South Carolina: McClellanville, 1; Easley, 1; Blacksburg, 2; Otter Island, 1; Anderson, 2; Saluda Gap, 3.

North Carolina: Beaufort, 7; Columbia, 2; Pine Island, 2; Sneads Ferry, 1; Wilmington, 1; Swanquarter, 1; Asheville, 5; Marion, 2.

Alabama: Jackson Lake, 1; Wilsonville, 2; Autaugaville, 1; Dothan, 1; Abbeville, 1; Montgomery County, 1.

Virginia: Dismal Swamp, 1.